

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-10 16:48:47
 Date of Next Testing: 2029-08-09 16:48:47
 Product Name: **L-Rhamnose monohydrate**
 CAS Number: 10030-85-0
 Specifications & Purity: $\geq 99\%$
 Lot #: H2507690
 SKU #: **R108982**
 Version: **2**
 Analysis #: **536976**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Heavy metal (as Pb)	0-5 (ppm)	2.10000 ppm
Specific Rotation $[\alpha]_{20/D(c=4 \text{ in } H_2O)}$	7.5-8.5 (°)	7.56200 °
Water by Karl Fischer	9-11 (%)	9.50290 %
Calcium(Ca)	0-10 (ppm)	0.80000 ppm
Ignition Residue (as sulfate)	0-0.15 (%)	0.01100 %
Purity(HPLC)	99-100 (%)	99.88200 %
Melting point	91-96 (°C)	95.83000 °C
Appearance (R108982)	White or light yellow crystalline powder	White or light yellow crystalline powder
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager